



## USER MANUAL

# USB AUDIO / VIDEO GRABBER III



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## **Chapter 1: Introduction**

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The ENMVG-3 is an analog audio/video capture adapter. With this tiny device, you can instantly upgrade your PC into a digital video recorder. Save your shelf space by converting old VHS, Hi-8 and other analog video tapes into digital video clips. Moreover, you can easily share the digitized media with friends and family over the Internet!

### **1.1 Features**

- **Turn PC into Digital Video Recorder:**  
captures video from any device with S-Video or composite AV output such as VHS/Hi8/DVD video players, camcorders and game consoles
- **Preserve Old VHS / Hi-8 Tapes:**  
digitize your analog video collection before the tapes are no longer viewable
- **Real-time recording:**  
support MPEG-1, MPEG-2, MPEG-4, VCD and DVD format.
- **Plug and Play interface**
- **Simple to Use**

### **1.2 System Requirements**

- Microsoft Windows® 8 / 7 / XP; Windows Vista®
- IBM® PC or compatible, with Intel® Pentium® 4 CPU running at 2.0 GHz or faster
- Minimum 128 MB memory
- Minimum 100 MB free hard disk space, 5400 RPM or greater
- One free USB 2.0 port
- 1024x768 Graphic Card, DirectX® 9.0 compatible or higher
- CD-ROM/DVD-ROM drive

#### **Notes:**

Video recording can use several gigabytes an hour (the higher the quality of the video you record, the more space it takes on the disc) so a hard drive spinning at 5400 RPM or faster and with plenty of free space is advisable for recording.



## 1.3 Specifications

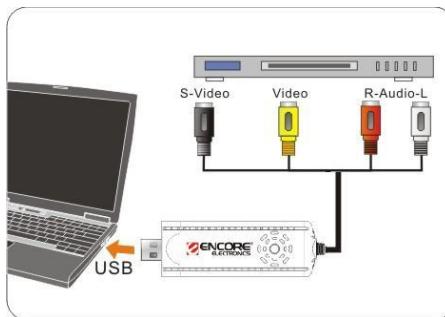
Device Interface	USB 2.0, backward compatible with USB 1.x
Dimension	93 x 30 x 15 mm (excluding cables)
<b>Video</b>	
Signal Format	NTSC and PAL
Input	Composite RCA and S-Video
Resolution	NTSC — 720x480, 352x480, 352x240 PAL — 720x576, 352x576, 352x288
AD Converter	10-bit Analog-to-Digital Converter
File Format	MPEG-1(VCD), MPEG-2 (DVD) and MPEG-4 (XVID)**
<b>Audio</b>	
Audio Channel	Stereo
Input	L/R RCA
Sample Rate	48KHz
Audio Data Rate	224k bit/second

\*\* MPEG4 format only provide Full D1 and SIF resolution.

## 1.4 Package Contents

- ENMVG-3
- Installation CD
- User manual
- USB extension cable

## 1.5 Connection Diagram



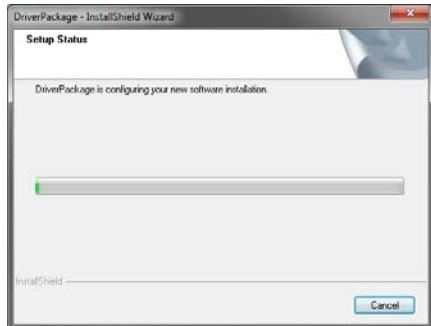


## Chapter 2: Getting Started

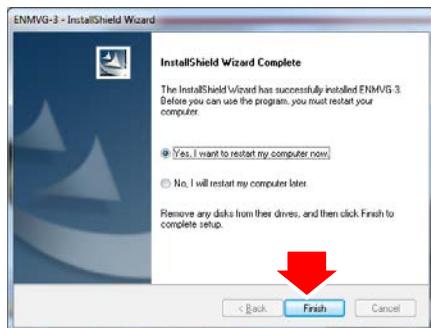
### 2.1 Device Driver Installation



1. Insert the installation CD into the CD-ROM drive. The setup screen should automatically appear.
2. Click the "Software Driver" icon.



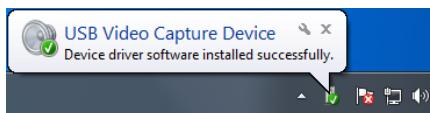
3. Wait Installation Wizard copying necessary driver files onto your system.



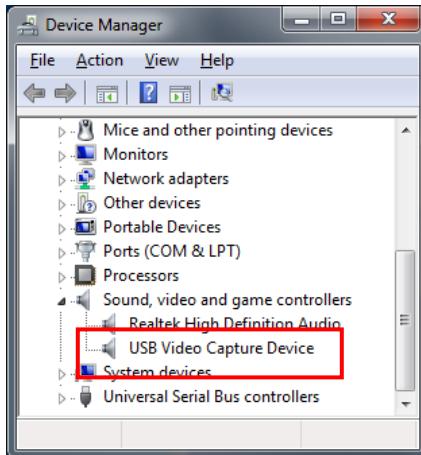
4. Click "Finish" button to complete installation.



5. Connect the ENMVG-3 to PC USB Hub.



6. The system will detect new driver.



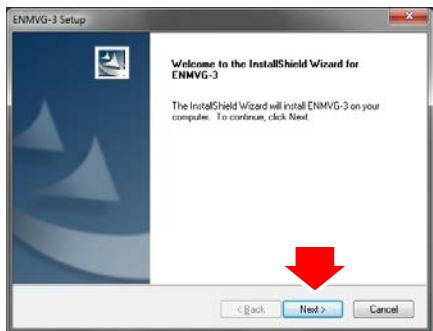
7. To examine if this device is properly installed, you can go to "**Device Manager**" in Windows®.
8. Open "**Sound, video and game controllers**" and you should see "**USB Video Capture Device**" now.



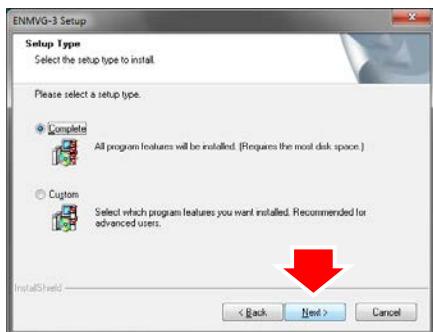
## 2.2 Install the Application Program



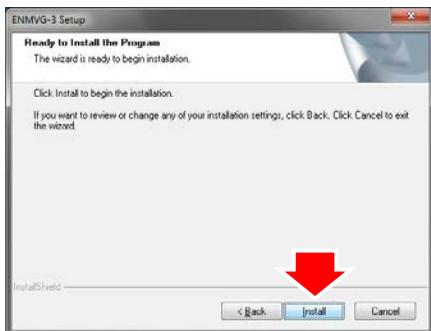
1. Click the "Application Program" icon.



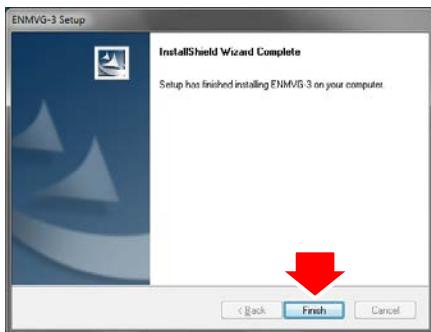
2. Click "Next" button to start the Installation.



3. Click "Next" or choose setup folder for installation.



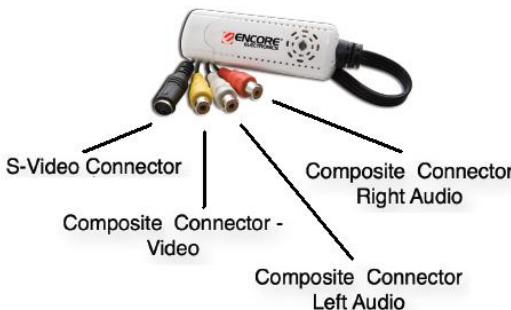
4. Click “**install**” button to begin installation.



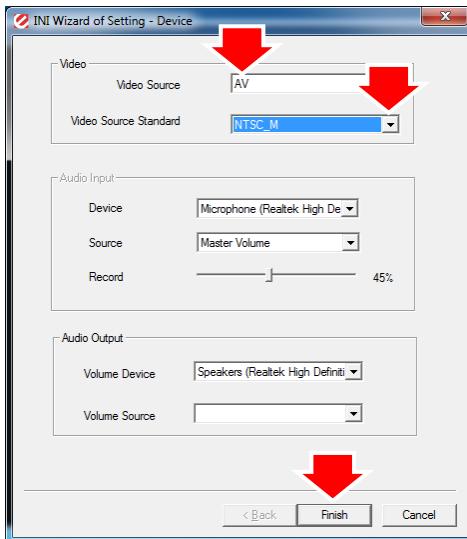
5. Click “**Finish**” button to close the wizard.



## Chapter 3: Using the ENMVG-3



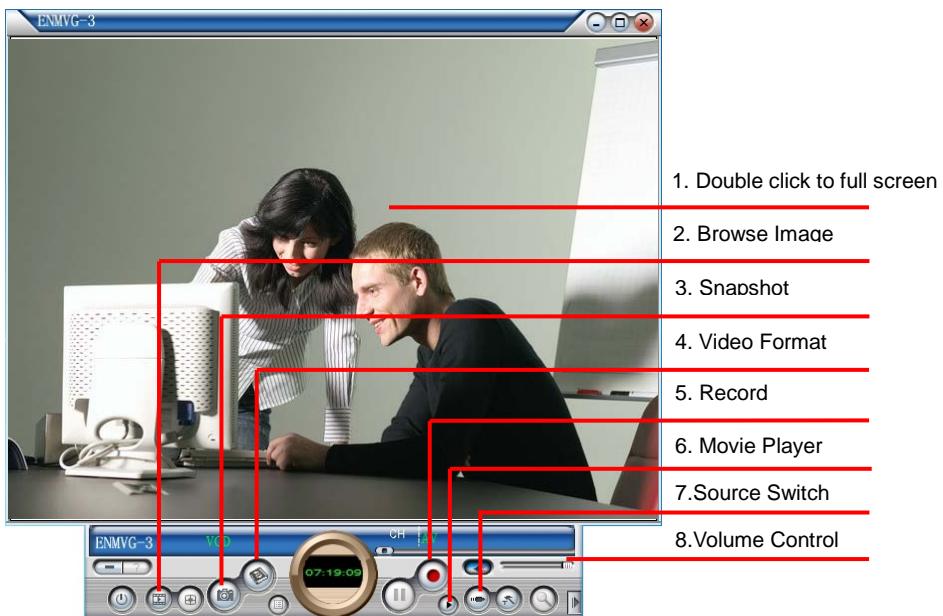
Connect your video source to the ENMVG-3. Let's start by assuming that your video source is working properly and also sending a signal to the output connectors you're going to use (if you're not sure, now's the time to check!).



Here is the first step for one time only. You may also change it later. Select the "Video Source" and "Video Source Standard" from each drop-down list, and then click "Finish" button.



### 3.1 The ENMVG-3 utility



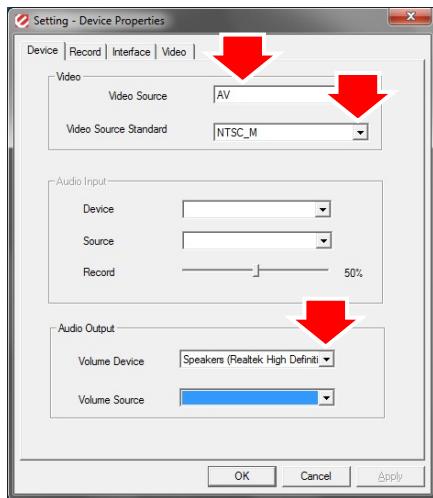
This section lets you view and edit the settings for video recording. You may use both the remote control and the toolbar. Options include:

1. Double click to full screen display.
2. Browse Image
3. Snapshot still image
4. Video format select.
5. Video/Audio record
6. Movie Player
7. Source Switch: click it to select Video In or S-Video In.
8. Volume control: Adjust the Volume or mute.

### 3.2 Record Video

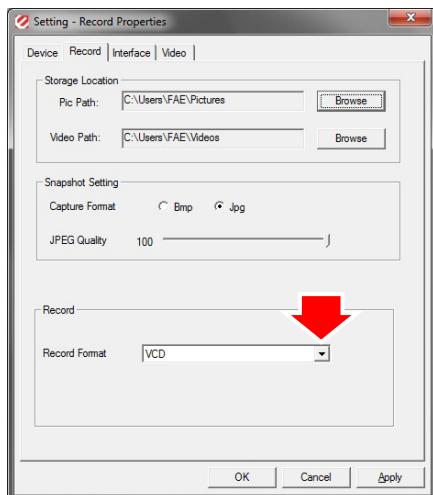


1. Click the "Setting" button to setup the record format.



2. Select the “Video Source” and “Video Source Standard”.

Notes: If you cannot hear any audio, please check the audio device.



3. Select the “Record Format” from drop-down list:

- Mpeg-1
- Mpeg-2
- VCD
- DVD
- HiDVD
- Mpeg-4



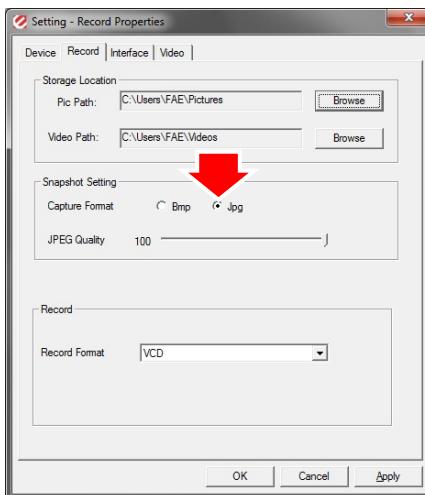
4. Click “Record” button to start capture video.



### 3.3 Snapshot Image



1. Click the “Setting” button to setup the image format.



2. The ENMVG-3 supports BMP and JPEG image format. Please choose your desired format.



3. Click ‘Snapshot’ button to capture image



### 3.4 Playback Video



1. Click the “**Playback**” button to Play the recording Video.



2. Click “**Play List**” button to select video file.
3. Choose the video then click “**open**” button.



**Exit** : To exit the video playback window, press [Esc] or [ALT]+[F4] on keyboard



**Minimize** : To minimize the video playback window; click "MoviePlayer" in desktop taskbar to restore display



**Hide Control Panel** : To hide video control panel, right click video window and select "Control Panel" to restore display



**Setting** : Click to pop-up setting dialog, you can test the video playback; refer to "Playback Setting" page.



**Browse Image** : To launch image browse window and browse the snapshot or saved image in your computer, refer to "Image Browse" page



**Step Backward** : To reverse play video



**Step Forward** : To step forward play video



**Slow Backward** : To slow reverse play video



**Slow Forward** : To slow forward play video file



**Play** : Click to play the current video file



**Pause** : click again to pause, click once more to continue play



**Fast Forward** : To fast forward play video file



**Fast Backward** : To fast reverse play video file

 **Volume Adjust** : Drag the slider to adjust volume, or use Left and Right arrow on keyboard



**Mute** : To close sound. Click again to restore



**Stop Play** : Stop playing current video file



**Snapshot** : Save current video as BMP or JPG image File is default named as snapshot time and saved into C:\My Pictures folder. You also can open "Snap Setting" option in "Options" dialog, set snapshot save directory, image format, and select rename after snapshot or not, refer to "Playback Setting" page



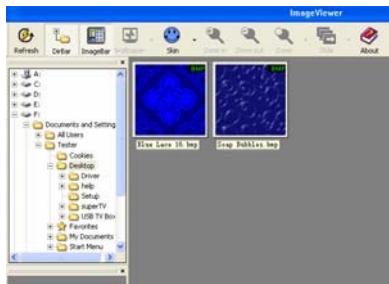
**Play List** : Click to pop-up sub panel below main panel, the default list for the record file is under the record directory, from which you can select the needed item to play.



### 3.5 Browse Image



Click the “**Browse Image**” to retrieve the saved pictures.



You can use the “**Browse Image**” software to control picture zoom in/out, or rename.

The top toolbar contains many function buttons for you to easily operate:



**Refresh** : To renew display snapshot image in current folder



**Path Panel** : Show/Hide path panel on left of window, which is for you to easily browse and select folder



**Image Panel** : Show/Hide image panel on left of window, through which you can easily preview snapshot image



**Set Wallpaper** : Set the current image as wallpaper for Windows desktop, click the right drop arrow and you can select the wallpaper display mode



**Skin** : To set appearance of image browse window, you can select your favorite panel from the right drop box



**Zoom out** : To shrink display current image



**Zoom in** : To magnify current image



**Match Zoom** : You can select the matched display mode in the right drop box

Full Size: Shows image at 100% magnification

Fit Image: Magnifies image to fit screen or window

Fit Width: Magnifies image to fit width of screen or window

Fit Height: Magnifies image to fit height of screen or window

Lock: Locks the viewer at the current magnifying level.



## Chapter 4: Technical Support

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Please visit [www.encore-usa.com](http://www.encore-usa.com) for the latest product information and downloads.

### Appendix A: User's Notice

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